



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

Released weekly April - November

Issued 4:00 P.M., June 14, 2010

11-10

AGRICULTURAL NEWS: Above normal temperatures continued over most of the Commonwealth with thunderstorms late in the week bringing moderate to heavy rainfall. Temperatures averaged 76 degrees, 4 degrees above normal and unchanged from last week. Precipitation for the week was above normal, averaging 1.51 inches with ranges totaling .62 to 3.72 inches. **Topsoil moisture** was rated as 1 percent very short, 6 percent short, 77 percent adequate, and 16 percent surplus. **Subsoil moisture** was rated as 5 percent short, 84 percent adequate, and 11 percent surplus. There were 4.3 days, out of a possible 7, suitable for fieldwork. Setting tobacco, planting soybeans and replanting corn were major activities for the week. No major problems with disease or insects has been reported.

ROW CROPS: A few producers still have corn acreage to replant from flooding losses, and some are sowing seed in existing stands to strengthen them. Emerged corn is in mostly good condition and benefitted from the warm weather this week. Heavy rain this week in isolated areas caused some additional damage to planted corn. **Soybean** seeding progressed to 80 percent complete, ahead of the 64 percent reported last year and the five year average of 78. Most full season beans have been planted, and producers are waiting to complete wheat harvest before seeding double crop acres. As of Sunday, June 13, 75 percent of the soybeans planted had emerged, well ahead of the 47 percent last year and the five year average of 64. The average height of emerged soybeans was 4 inches. Soybean condition was reported as 1 percent poor, 12 percent fair, 64 percent good and 23 percent excellent.

TOBACCO: Tobacco setting is winding down with 88 percent of the burley in the ground, compared with 82 percent last year and the five year average of 84. Dark tobacco setting was nearly complete with 92 percent set, ahead of the 77 percent last year and the five year average of 81. The condition of set tobacco was reported as 1 percent very poor, 3 percent poor, 27 percent fair, 59 percent good and

10 percent excellent. Eighty-one percent of set tobacco was less than 12 inches high, with 17 percent from 12 to 24 inches in height, and 2 percent over 24 inches tall.

SMALL GRAINS: Winter wheat harvest for grain is just beginning, with the majority of the crop in good condition. Some early yields and quality have been below farmers expectations. Acreage which did not recover from the early May flooding has been cut for hay or silage and some may be plowed down.

OTHER CROPS AND PASTURE: Warm, humid weather hampered hay harvest as the crop did not cure well. Pastures showed moisture stress in a few areas with condition rated as 1 percent very poor, 2 percent poor, 20 percent fair, 63 percent good, and 14 percent excellent. High temperatures and humidity at the end of the week caused some livestock stress.

CROP PROGRESS for week ending 06/13/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Emerged	99	98	95	98
Soybeans Planted	80	77	64	78
Soybeans Emerged	75	63	47	64
Burley Tobacco Set	88	75	82	84
Dark Tobacco Set	92	75	77	81

SOIL MOISTURE for week ending 06/13/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	1	6	77	16
Subsoil	0	5	84	11

CROP CONDITIONS for week ending 06/13/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	6	20	55	18
Soybeans	0	1	12	64	23
Wheat	2	3	20	57	18
Pasture	1	2	20	63	14
Tobacco Set	1	3	27	59	10

KENTUCKY WEATHER SUMMARY, JUNE 7 - 13, 2010:

Above Normal Temperatures and Above Normal Rainfall:

This past week was another warm week for the Commonwealth. Daytime highs were once again in the upper 80s to low 90s. The warmest temperatures came late in the week from a high pressure that set up just to the east. This brought in some hot and humid tropical air, which was enough to put livestock heat stress in the danger category. The hot humid air over the state was also enough to create plenty of pop-up thunderstorms, which dumped above normal rainfall on the state.

Temperatures for the period averaged 76 degrees across the state which was 4 degrees above normal and equal to the previous week's average. High temperatures averaged from 88 in the West to 83 in the East. Departure from normal high temperatures ranged from 2 degrees above normal in the West to 1 degree above normal in the East. Low temperatures averaged from 69 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 3 degrees above normal in the East.

Rainfall for the period totaled 1.51 inches statewide which was 0.62 inches above normal. Rainfall totals by climate division, West 1.31 inches, Central 1.50 inches, Bluegrass 2.04 inches and East 1.19 inches, which was 0.45, 0.58, 1.16 and 0.27 inches respectively above normal. By station, rainfall totals ranged from a low of 0.62 inches at Jackson to a high of 3.72 inches at Covington.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JUNE 13, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)				(Degrees Fahrenheit)						
Bardstown	1.63	12.42	3.23	+2.48	-0.52	91	59	76.6	+4	179	1269	+218
Berea	1.04	14.95	3.02	+4.17	-1.02	88	57	74.6	+3	168	1192	+110
Bowling Green	1.42	18.67	5.34	+7.60	+1.14	93	59	79.1	+7	191	1353	+258
Bristol	0.31	5.50	1.47	-3.23	-1.95	90	54	72.7	+1	152	1207	+230
Buckhorn Lake	0.82	10.40	2.26	+0.74	-1.53	87	56	73.4	+2	162	1144	+193
Cape Girardeau	0.62	10.77	2.14	-0.35	-1.87	97	60	80.3	+6	194	1366	+227
Campbellsville	0.92	16.77	4.06	+5.04	-0.25	90	56	76.1	+4	177	1227	+158
Covington	3.72	11.51	5.92	+1.82	+2.19	87	57	73.0	+1	159	1149	+215
Cumberland Gap	0.97	9.20	1.68	-1.54	-2.49	90	54	75.1	+4	168	1251	+287
Dix Dam	1.45	15.18	4.34	+4.63	+0.46	89	58	75.6	+4	174	1205	+154
Evansville	0.91	7.43	1.45	-2.85	-2.36	93	62	78.0	+4	184	1307	+242
Glasgow	1.09	14.48	3.46	+2.88	-0.98	90	58	77.3	+5	185	1299	+277
Grayson	1.70	13.51	4.57	+3.96	+0.84	87	54	72.2	+1	151	1142	+252
Hardinsburg	0.67	14.43	2.69	+3.61	-1.31	91	59	76.6	+4	180	1259	+164
Henderson	0.77	9.71	2.11	-0.74	-1.73	92	59	77.8	+3	186	1308	+213
Huntington	2.20	12.23	3.62	+2.77	-0.04	88	53	72.6	+1	154	1212	+248
Jackson	0.62	12.20	3.94	+1.96	+0.12	87	59	73.7	+2	163	1254	+303
Lexington	1.75	14.04	4.79	+4.10	+1.04	88	59	75.4	+4	174	1202	+255
London	0.80	10.17	2.58	+0.42	-1.05	90	56	74.9	+3	170	1233	+269
Louisville	2.38	14.59	3.80	+4.24	+0.07	93	64	79.7	+7	198	1396	+331
Mayfield	1.71	10.05	3.13	-1.47	-0.75	92	57	78.6	+4	191	1383	+227
Nashville	1.55	21.49	2.59	+10.69	-1.32	95	59	80.1	+8	194	1413	+244
Nolin Lake	1.81	15.09	3.45	+3.38	-0.90	90	59	76.6	+4	180	1240	+215
Paducah	1.60	10.30	3.49	-1.40	-0.66	93	59	79.2	+5	194	1380	+241
Princeton	2.23	16.37	4.97	+4.94	+0.90	91	58	78.4	+4	189	1340	+215
Quicksand	0.74	9.70	2.37	-0.54	-1.45	90	56	73.9	+2	161	1226	+275
Somerset	1.67	15.19	3.82	+3.93	-0.47	89	55	74.8	+3	168	1202	+164
Spindletop	1.52	12.83	4.94	+2.89	+1.19	88	59	74.6	+3	169	1212	+265
Williamstown	2.74	12.59	3.87	+2.40	+0.10	86	56	72.6	+1	157	1145	+198

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>